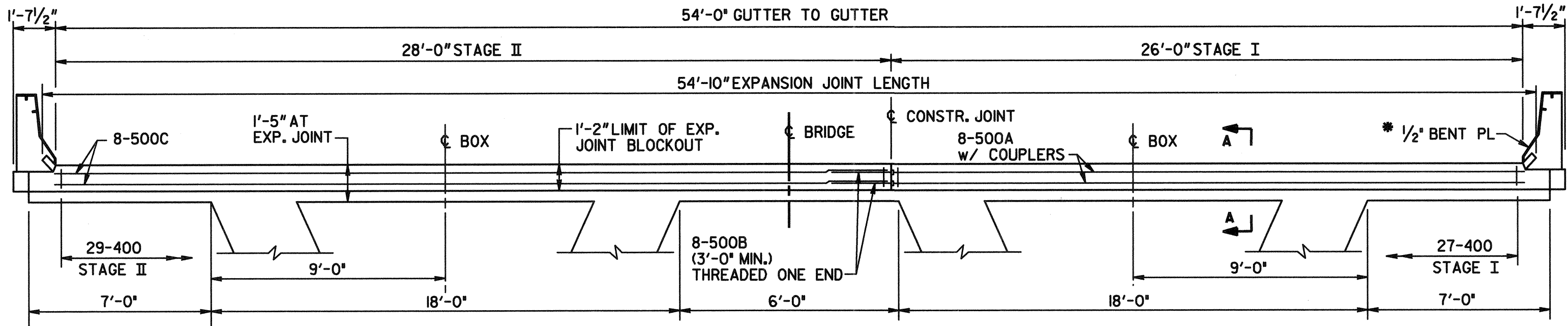


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M002-00 (052)	128	15



SECTION AT HINGE 2

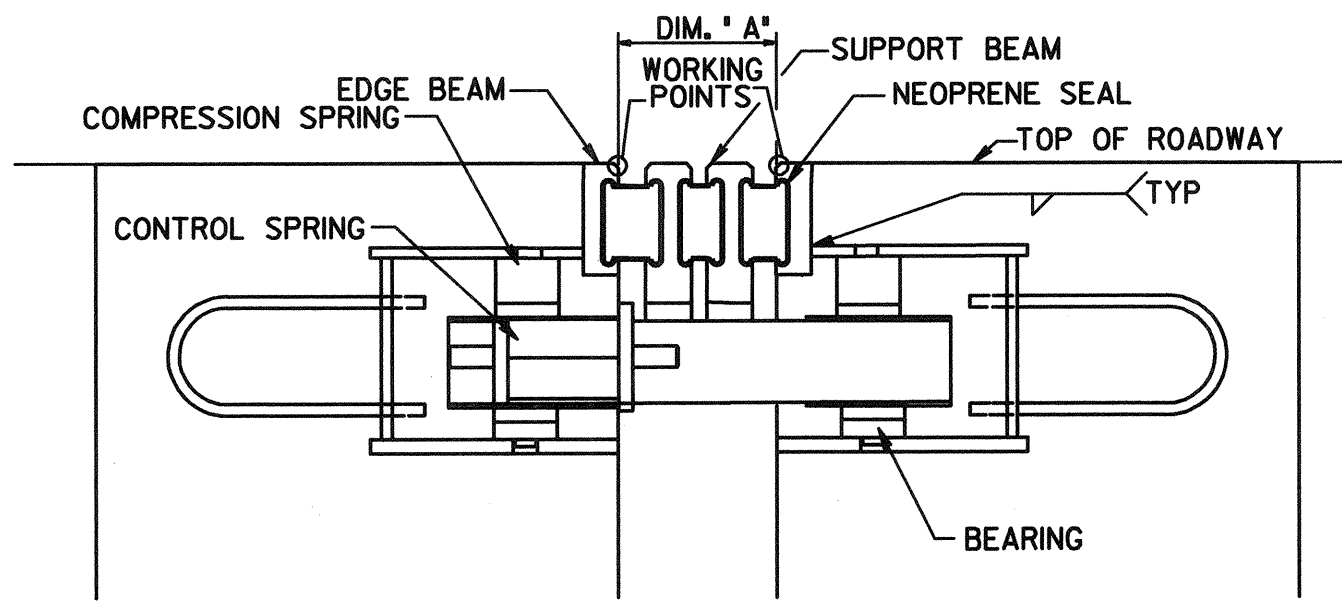
- NOTES:
- *5 BARS MIN. LAP = 2'-6"
 - * REMOVE EXISTING PLATE AND CONCRETE AS REQUIRED TO INSTALL JOINT. INSTALL NEW 1/2" BENT PLATE TO MATCH EXISTING CONFIGURATION. COST SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

JOINT REPLACEMENT CONSTRUCTION SEQUENCE

PERFORM THE FOLLOWING IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS:

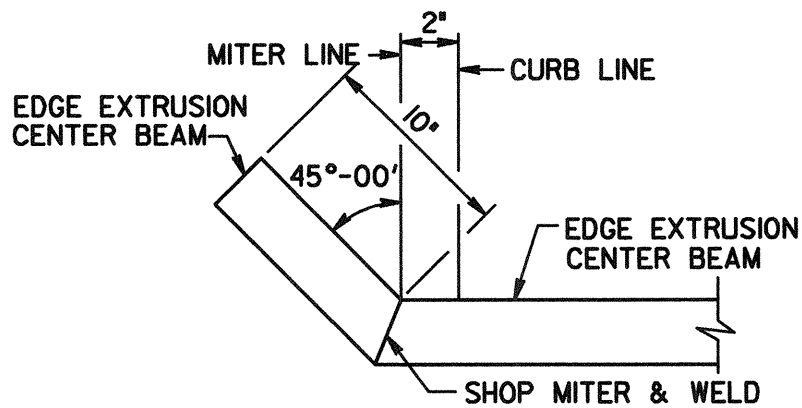
1. SAWCUT AND REMOVE EXISTING CONCRETE TO LIMITS SHOWN ON PLANS.
2. REMOVE EXISTING TRANSVERSE DECK SLAB REINFORCEMENT.
3. CLEAN EXISTING REINFORCEMENT TO REMAIN IN PLACE.
4. INSTALL NEW MODULAR DECK JOINT AND PLACE NEW TRANSVERSE REINF. REPLACE ANY REINFORCEMENT DAMAGED DURING REMOVAL. SPLICE STEEL EXTRUSIONS BETWEEN STAGES USING FULL PENETRATION GROOVE WELDS.
5. FORM AND CAST CONCRETE IN ACCORDANCE WITH SPECIAL PROVISION 503.

REINFORCING SCHEDULE													
LOCATION	NO. OF LOC.	MARK	LENGTH FT. IN.	NO. BARS REQ'D	TYP E	A	B	C	D	E	N	θ	
HINGE 2	1												
			400	5- 3	112	25	6 6	1- 6	0- 9				
			500A	25- 8	16	1							
			500B	3- 0	16	1							
			500C	27- 8	16	1							

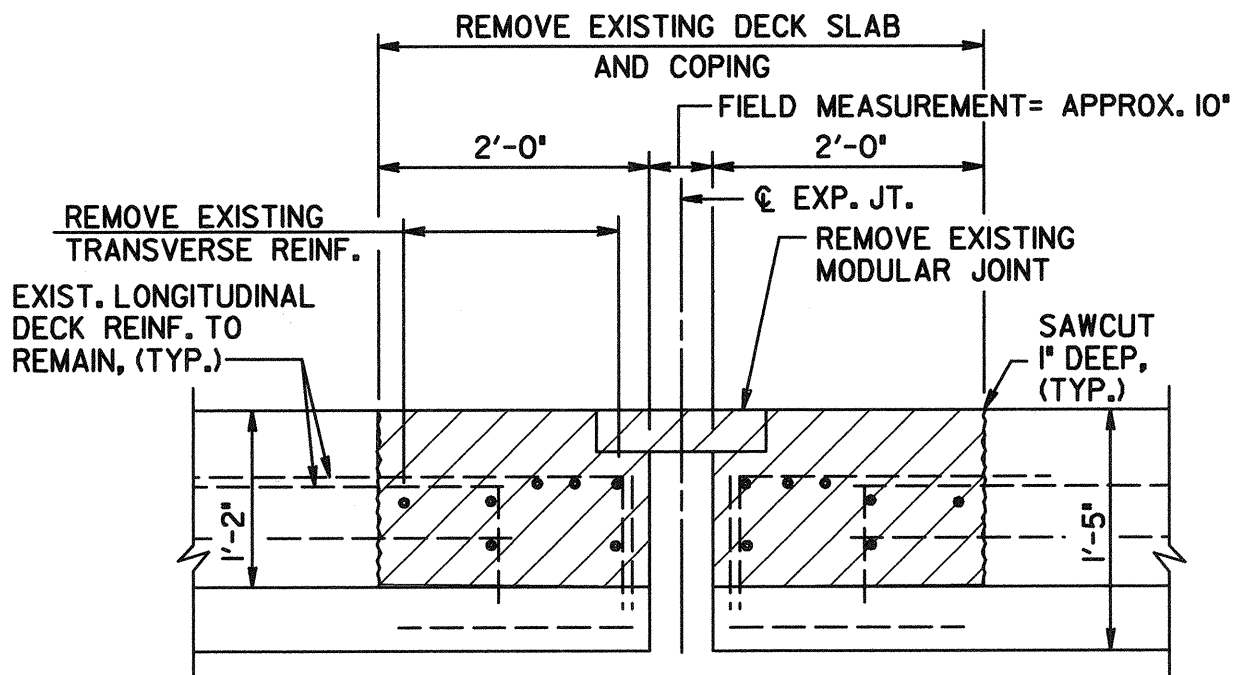


SECTION X-X

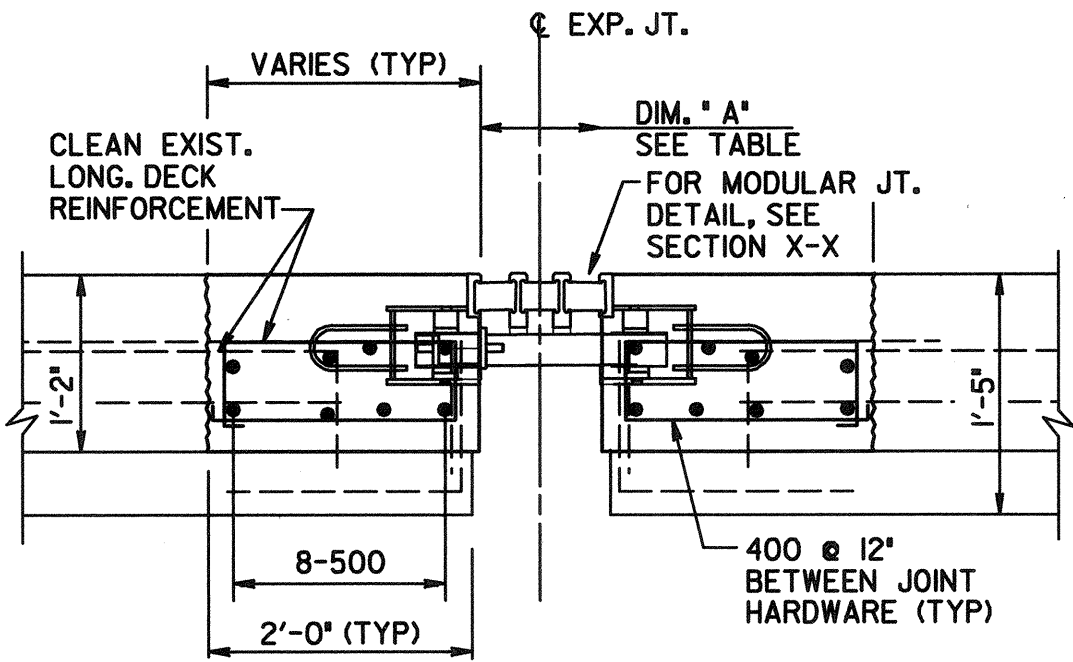
JOINT OPENING	
TEMP °F	DIM. 'A' (IN)
0	8.40
10	8.00
20	7.60
30	7.20
40	6.80
50	6.40
60	6.00
70	5.60
80	5.20
90	4.80
100	4.40
110	4.00
120	3.60



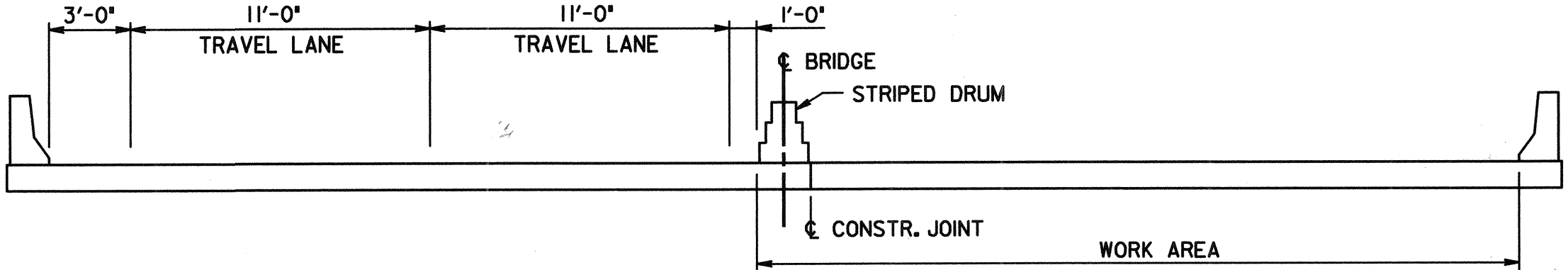
CURB DETAIL



EXISTING SECTION A-A



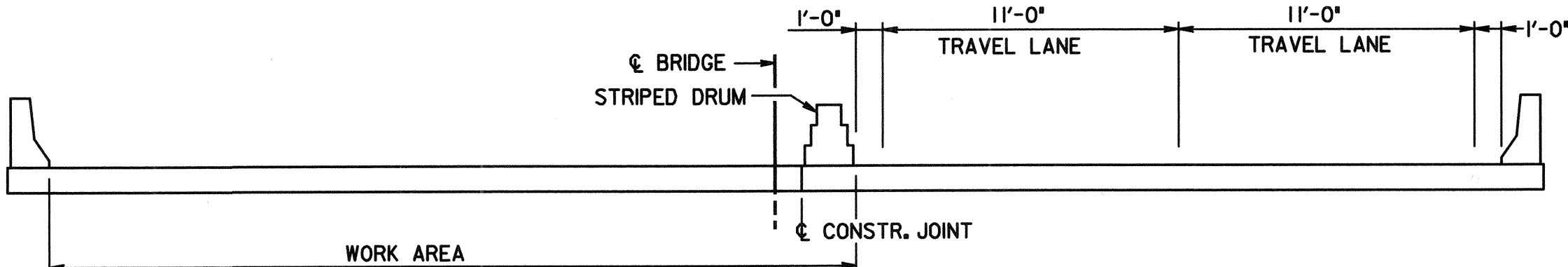
PROPOSED SECTION A-A



STAGE I

STAGE I NOTES

1. INSTALL TRAFFIC CONTROL SIGNS AND PLACE STRIPED DRUMS.
2. CLOSE RIGHT SIDE OF RAMP.
3. MAINTAIN TRAFFIC IN LEFT LANES.
4. REPLACE BRIDGE JOINT IN WORK AREA.
5. REOPEN ALL LANES TO TRAFFIC.



STAGE II

STAGE II NOTES

1. INSTALL TRAFFIC CONTROL SIGNS AND PLACE STRIPED DRUMS.
2. CLOSE LEFT SIDE OF RAMP.
3. MAINTAIN TRAFFIC IN RIGHT LANES.
4. REPLACE BRIDGE JOINT IN WORK AREA.
5. REOPEN ALL LANES TO TRAFFIC.

CONSTRUCTION STAGING

BRIDGE NO. 3

JBT

J.B. Trimble, Inc.
6445 Powers Ferry Road
Atlanta GA 30339-2933
(770) 952-1022

GEORGIA

DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

HINGE 2-JOINT REPLACEMENT
RAMP I-285 EAST TO I-85 NORTH
JOINT DETAILS

DEKALB COUNTY

NHS-M002-00 (052)

SCALE: AS SHOWN

DECEMBER 2002

DESIGNED GLE

CHECKED SLP

REVIEWED BKS

DRAWN ITD

DESIGN GROUP MAINTENANCE

APPROVED EHG